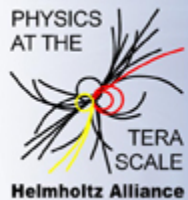


# A Wiki for the Analysis Centre at DESY

**G. Brandt (DESY)**

## Outline

- Desired Features of a Knowledge Database / Collaborative Tools
- Participants Structure
- MediaWiki as Candidate
- Next Steps



**PHYSICS AT THE TERASCALE**  
Strategic Helmholtz Alliance



- Contain applicable knowledge („tools“) rather than encyclopedic/general knowledge
  - Formulas
  - Code Snippets / Steerings
  - Writing / Latex Tipps
  - Navigation: Link-Lists / HEP Map (German Groups, Analyses, ...) *LHC-D Wiki →*
- Low technical threshold for Content Management
  - Quick and easy (meta)editing
    - structure/layout ↗
    - ↖ content
  - Easy participation for external users
- Low workload for Administration
  - Web interface for User Management
  - Email Notification
- Issue Tracking / Ticket System
- Discussion Forums
- Mailing Lists / HyperNews

***Could all be done in the same wiki***

## Already available

- |            |                   |
|------------|-------------------|
| • ZMS/Zope | Static web-pages  |
| • INDICO   | Agendas and Talks |

*use several dedicated tools instead of solutions in the wiki ... ?*

# Possible Participants Structure



**DESY**  
+  
**Terascale**  
**Alliance**  
**Staff**

## „Root“ Administrators

- Do technical work not covered by IT
- Pick up issues not treated by moderators

1+1

## IT / Web Office

- Backups / Updates
- Access Control (?)
- Design (PR?)

1+1

## Moderators

- User Administration Privileges
- Mandatory Reaction to Issue Tracking / Mailing Lists / Bad Edits
- Editing their categories
- Work together on structure, templates, ...

4x(1+1)

**(Media)Wiki**

Authentication

**O(100)**  
**Readers**

World

## Registered Users

- Editing of Pages
- Participation in Forums

**O(10)**

Physicists  
(at (German) Universities?)

**Users**



- Used by and developed for Wikipedia  
We can profit from their experience and solutions
- Support for Rich Content (Media)  
Pictures, Latex, Code, ...
- User Management / Access Control
- Organisational Structures: Namespaces, Categories, Subpages
- Easy internal configuration / modification (PHP)
- Templates / Macros
- Discussion/Talk Pages associated with every Page  
Can be used for Discussion Forums and Ticket System

*Demonstration →*

*Other Candidates →*

- Decide what features / base content we want
- Discuss with IT what tool to use
  - How to handle security / authentication
- Find (minimal set of) people to create initial content and act as administrators/staff
- Set it up and test it
- Go online
- In case of success – scale it up